Behavior Genetics, Vol. 34, No. 6, November 2004 (© 2004)

Author Index for Volume 34

Abramowitz, A., 641a
Adolfsson, R., 533, 635a, 654a
Aggen, S.H., 483
Agrawal, A., 217
Ainsworth, K.H., 51
Al-Chalabi, A., 549
Alcorta, E., 395
Allison, D.B., 3, 153, 639a
Almasy, L., 173, 655a
Amendola, J., 631a
Amos, C.I., 153
Amou, S., 651a
Anderson, C.B., 483
Andersson, L., 121
Ando, J., 631a, 649a, 660a, 666a
Angleitner, A., 666a
Annerbrink, K., 533, 635a
Anney, R., 85
Anokhin, A.P., 631a
Arbones, M.L., 637a
Asperi, W., 453

Bacchelli, E., 647a
Backman, L., 654a
Baghaei, F., 644a
Bailey, A.J., 647a
Baker, L.A., 632a, 664a
Bakker, T.C.M., 417
Ballesteros-Vanez, I., 637a
Bard, D., 659a
Barnby, G., 647a
Bartels, M. 632a, 662a
Basrak, B.,
Battaglia, M., 495, 650a
Baum, L., 665a
Beasley, T.M., 153
Beekman, M., 161
Beem, A.L., 652a
Begleiter, H., 636a
Bello, A., 634a
Ben Mabruok, F., 649a
Benavides-Piccione, R., 637a
Bethea, C.L., 295
Beyer, K.S., 647a
Bierut, L., 636a
Bishop, D.V.M., 644a
Blangero, J., 173
Blasi, F., 647a
Blizard, D.A., 465, 632a
Bludeau, P., 453
Boada, R., 660a
Bocklandt, S., 243
Bomhra, A., 639a
Bonora, E., 647a
Boomsma, D.I., 161, 179, 229, 571, 622a, 632a, 633a, 634a, 636a, 652a, 656a, 663a
Borkenau, P., 666a
Bovenhuis, H., 325,407
Brady, S., 639a
Breen, L., 93
Brookes, A., 657a
Brown, T.A., 637a
Bucholz, K.K., 639a, 642a
Buenen, G.P., 654a
Buhlig, B., 634a
Buitenhuis, A.J., 325,407
Bulik, C.M., 483
Bult-Ito, A., Vol. 34 (1)131
Butcher, L.M., 549
Button, T.M.M., 633a

Cacioppo, J.T., 633a
Cameron, J.L., 295
Cameron, T., 85
Campbell, D., 633a
Cardon, L.R., Vol. 34(2)125, 639a, 640a
Carey, G., 633a
Carlborg, O., 121
Carlier, M., 634a, 640a
Carter, P.A., Vol. 34(1)131
Caston, J., 319
Cath, D.C., 652a
Chabert, C., 559
Chabrol, B., 640a
Chao, T., 385
Che, Y., 634a
Chen, J., 153
Chen, W.J., 63

0001-8244/04/1100-0677/0 © 2004 Springer Science+Business Media, Inc.

Chen, X., 634a
Cherfouh, A., 559
Cherny, S.S., Vol. 34 (2)125, 658a
Chianale, C., 319
Claessens, A.L, 654a
Coffey, C., 85
Coleman, K., 295
Conti, L.H., 93
Coolidge, F.L, 75
Corley, R.P., 251, 634a, 640a, 658a
Cornelissen, S.J.B., 325
Cosgrove, V.E., 634a
Coude, F.X., 635a
Crabbe, J.C., 441
Craig, I., 549
Crooijmans, R.P.M.A., 325
Cruts, M., 654a
Cubim, M., 639a
Currie, L.J., 650a
Curtis, D., 207

D'Onofrio, B.M., 635a, 649a, 652a
Dale, P., 644a
Davidson, S., 639a
Davisson, M. Y., 105
de Faire, D., 585
de Frias, C.M., 533, 635a
de Geus, E.J.C., 179, 633a, 656a, 663a
de Jong, G., 611
Deffenbacher, K.E., 660a
DeFilipe, J., 637a
DeFries, J.C., 267, 635a, 639a, 640a, 658a, 660a, 664a, 665a
Deitrich, R.A., 453
Deng, X-S., 453
Derks, E.M. 571, 632a, 636a
Dick, D.M., 636a, 663a
Dick, M., 636a
Dierssen, M., 637a
Dolan, C.V., 571
Drent, P.J., 611
Drew, R.E., 355
Duffy, D.L., Vol. 34 (2) 135, 637a, 649a, 651a
Dunphy, G., 515
DuPree, M.G., 243
Duquenne, V., 559
Durand, J., 631a

Eaves, L.J., 635a, 650a
Edenberg, H.J., 636a
Ehringer, M., 643a, 645a, 661a
Ehnnan, L., 377
Eisen, S.E., 639a
Eley, T.C., 377, 637a, 642a, 648a, 653a, 655a
Elkins, I., 652a
Elston, G.N., 637a
Ely, D., 515
Emery, R.E., 635a, 649a, 652a, 665a
Eriksson, E., 533, 635a, 644a
Erwin, V.G., 453
Estivill, X., 637a
Etzel, C.J., 153
Evans, D.E., 641a
Evans, D.M., Vol. 34 (2) 135

Fairburn, C., 639a
Fay, T., 453
Fernandes, C., 549, 621
Fernandez, J.R., 153
Ferreira, M.A.R., 637a
Feuk. L., 657a
Fiddy, S., 639a
Finkel, D., 637a
Fisch, G.S., 638a
Fischbach, G.D., 657a
Fisher, S.E., 639a, 640a
Flint, J., 267, 639a
Foley, D.L., 650a
Forejt, J., 621
Forkman, B., 121
Foroud, T., 636a
Forrest, S., 85
Fotaki, V., 637a
Fowler, T.A., 638a, 660a
Francks, C., 639a, 640a
Frank, M.E., 465
Frigerio, A., 495, 650a
Fu, Q., 639a
Fullerton, J., 639a

Gahagan, A.L., 639a
Garland, T.G. Jr., Vol. 34 (1)131
Gatz, M., 657a
Gayan, J., 640a
Geffen, G.M., 41, 365, 643a, 649a, 666a
Geffen, L.B., 41, 365, 643a
Gelhorn, H.L., 640a
George, V., 3
Gerard, A., 640a
Gerhard, G.S., 632
Gillespie, N.A., 641a
Gindini, E.D., 650a
Gingrich, I.A., 657a
Giorda, R., 495, 650a

Gizer, L.R., 641a
Goate, A., 636a
Goddard, M.E., 477
Godinez, D.A., 641a
Goin, R.P., 641a
Gomez-Diaz, C., 395
Goodwin, G., 639a
Gottesman, I., 665a
Grann, M., 662a
Grant, J.D., 642a
Gregorova, S., 621
Gregory, A.M., 642a
Griffith, I.W., 632
Grigorenko, E.L., 642a
Groenen, M.A.M., 325
Guo, G., 643a
Gur, R.C., 655a
Gur, R.E., 655a

Haberstick, B.C., 541, 643a, 645a, 648a, 658a, 661a
Hakansson, A., 644a
Hamagami, F., 651a
Hamer, D.H., 243
Hansell, N.K., 643a, 666a
Harlaar, N., 644a, 646a
Harold, G.T., 658a
Harris, I.R., 653a, 659a
Harrison, M., 650a
Hartman, C.A., 644a, 658a
Hassett, 85
Hawkley, L.C., 633a
Hayiou- Thomas, M.E., 644a
Heath, A.C., 631a, 639a, 642a, 649a, 652a, 659a, 665a
Henderson, N.D., 267, 644a
Henningsson, S., 644a
Hettinger, T.P., 465
Hewitt, J.K., 251, 634a, 640a, 641a, 643a, 645a, 648a, 661a
Hill, L., 549
Hochstetler, K.J., Vol. 34 (1)131
Hoffman, S.E., 453
Holm, G., 644a
Holmans, P.A., 647a
Holzman, T., 51
Hopfer, C., 643a, 645a, 648a, 661a
Hudziak, J.J., 571, 632a, 636a

Iacono, W.G., 645a, 652a
Iervolino, A.C., 646a

Jacobson, K., 632
Jacobsson, L., 121
Jamon, M., 559, 645a
Jang, K.L., 75
Jensen, P., 121
Jirout, M., 93
Johnson, W., 645a
Jones, S., 665a

Kaprio, J., 503, 636a, 645a, 663a
Katsuie, Y., 465
Kendler, K.S., 217, 643a
Kerje, S., 121
Keski-Rahkonen, A., 503
Keyes, M., 652a
Kijima, N., 631a, 666a
Kim, Y-K., 385, 656a
Klaassen, C.A.J., 161
Klauck, S.M., 647a
Klein, L.C., 632a
Knafo, A., 646a
Knight, J., 207
Koene, P., 325, 407
Koenen, K.C., 646a
Kovas, Y., 644a, 646a
Krueger, R.F., 593
Kubarych, T.S., 646a
Kuhn, J.S., 656a
Kujala, U.M., 645a
Kunzler, R., 417
Kuo, P-H., 63

Lakoski, J.M., 632a
Lamb, J.A., 647a
Landen, M., 644a
Landgraf, R., 309
Langley, K., 647a, 648a
Largiader, C.R., 417
Larsson, H., 647a
Larsson, J-O., 647a
Larsson, L., 632a
Lau, J.Y.F., 648a
Lee, W-C., 525
Lessem, J.M., 251, 641a, 643a, 645a, 648a, 661a
Lichtenstein, P., 647a, 661a, 662a
Lifford, K.J., 648a
Lin, C.C.H., 63
Linke, R., 309
Lionikas, A., 632
Liu, L., 549, 621
Loesch, D., 652a
Loos, R.J.F., 654a
Lorusso, M.L., 495, 650a
Lucas, M.D., 355

Luciano, M., 41, 365, 649a, 656a, 666a
Lynch, S.K., 649a, 652a
Lyonnet, S., 635a
Lyons, M.J., 639a

MacGregor, A.J., 197
Mack, H.A., 632a
MacPhie, L., 639a
Maekawa, H., 649a
Maes, H.H., 635a, 650a, 654a
Maestrini, E., 647a
Makino, J., 465
Makoff, A., 207
Malykh, S.B., 650a
Mann, M.A., 657a
Manning, C.A., 650a, 665a
Marenberg, M.E., 585
Mariani, J., 319
Marino, C., 495, 650a
Markon, K.E., 593
Markou, A., 343
Marlow, A.J., 639a
Martin, F., 395
Martin, N., 377, 633a
Martin, N.G., 41, 161, 365, 637a, 641a, 643a, 649a, 651a, 652a, 656a, 665a, 666a
Martinez de Lagran, M., 637a
Matsuura, M., 651 a
Mazzeo, S.E., 483
Mazzi, D., 417
McArdle, J.J., 651 a McClearn, G.E., 632a
McGue, M., 645a, 652a McGuffin, P., 377, 633a, 660a
Mdzewski, B., 652a
Meaburn, E., 549
Medland, S., 652a
Mehta, M., 660a
Mendle, J., 649a, 652a
Merker, R.J., 657a
Middeldorp, C.M., 652a
Miesfelde, S., 665a
Mignot, C., 635a
Miller, M., 653a
Miller, S., 639a
Mizutani, M., 465
Moessner, R., 295
Molenaar, P.C.M., 229
Molteni, M., 495, 650a
Monaco, A.P., 639a, 640a, 647a
Monda, A., 655a
Mott, R., 639a
Munnich, A., 635a

Mustanski, B.S., 243
Myers, E., 631a

Nadyseva, V.V., 650a
Nakajima, R., 631a
Napolitano, M., 653a
Neale, B.M., 483
Neale, M.C., 179, 217, 251, 483, 634a, 639a, 646a, 650a, 653a
Neiderhiser, J .M., 653a
Nes, R.B., 653a
Ngorosho, D., 642a
Nieuwland, M.G.B., 325
Nievergelt, C., 243
Nilsson, L-G., 533, 635a, 654a
Nimgaonka, V., 656a
Nobile, M., 495, 650a
North, B., 207
Nyberg, L., 654a

O'Donovan, M.C., 647a, 648a
Olson, R.K., 639a, 640a, 660a, 665a
Olsson, C., 85
Ono, Y., 631a, 649a, 666a
Ooki, S., 654a
Owen, M.J., 647a, 648a

Pagniello, K.B., 425
Paracchini, S., 639a
Patton, G., 85
Pau, F.K-Y., 295
Paya-Cano, J.L., 621
Pearlstein, E., 649a
Pedersen, N.L., 585, 637a, 656a, 657a, 659a
Peeters, M.W., 654a
Pennington, B.F., 639a, 640a, 644a, 658a, 660a, 665a
Petrill, S.A., 646a
Pflieger, J-F., 649a
Philip, N., 640a, 655a
Phillips, D.R., 385
Pike, A., 655a
Plomin, R., 549, 644a, 646a, 655a, 659a, 661a
Pogue-Geile, M.F., 655a
Porjesz, B., 636a
Posthuma, D., 179, 633a, 634a, 656a
Poustka, A., 647a
Pratte, M., 645a
Prescott, C.A., 17,217, 656a
Price, K.R., 631a
Prince, J., 657a
Prosser, J.D., 656a

Pulkkinen, L., 636a, 663a
Purcell, S., 143, 633a, 636a, 657a

Radcliffe, R.A., 453
Raine, A., 632a, 664a
Raitano, N., 660a
Rao, S.T., 657a
Raskind, W.H., 51
Reichborn-Kjennerud, T., 659a
Reynolds, C.A., 637a, 657a
Rhea, S-A., 658a
Rhee, S.H., 251, 634a, 640a, 658a Rice, F. 647a, 658a
Richardson, A.J., 639a
Riemann, R., 666a
Rijsdijk, F. Vol. 34 (2) 127,207, 642a
Rissanen, A., 503
Robinson, N.M., 51
Rodenburg, T.R., 325, 407
Rodgers, J.L., 659a
Romano, C., 642a
Romeis, J.C., 659a
Rose, R.J., 503, 636a, 645a, 663a
Rosenthal, E.A., 51
Rosmond, R., 644a
Roubertoux, P.L., 559, 631a
Rowe, D.C., 641a
Roysamb, E., 653a, 659a
Rubin, E., 559
Rustay, N.R., 441

Sakai, A., 651a
Saudino, K., 659a
Seem, T.S., 639a
Schalkwyk, L.C., 549, 621
Schmidt, C., 105
Schutz, K.E., 121
Schwegler, H., 309
Scourfield, J., 377, 633a, 660a
Sham, P.C., Vol. 34 (2) 125, Vol. 34 (2) 127, 143,207, 633a
Shete, S., 153
Shikishima, C., 660a
Shriberg, L.D., 660a
Shroer, R.J., 638a
Shu, Y-H., 525
Sigaudy, S., 655a
Silberg, J.L., 635a, 641a, 650a
Simensen, R.J., 638a
Singh, R.N., 335
Singh, S.M., 425
Siwek, M., 325
Slutske, W.S., 649a, 652a
Small, B.J., 654a
Smith, D.J., 559
Smith, G.A., 41
Smith, S.D., 640a, 660a
Smolen, A., 541, 634a, 643a, 645a, 648a, 660a, 661a
Smolen, T.N., 660a
Snieder, H., 197
Som, A., 335
Soong, W-T., 63
Spector, T.D., 197
Spicer, J.M., 632a
Spielewoy, C., 343
Spinath, B., 661a
Spinath, F.M., 661a, 666a
Spotts, E.L., 661a
Stallings, M.C., 251, 634a, 640a, 641a
Stefanini, S., 634a
Stein, J.F., 639a
Stever, C., 641a
Stout, J.T., 632
Streicher, J.M., 295
Sugawa, M., 651a
Suzuki, A., 666a
Swallow, J.G., Vol. 34 (1)131
Sykes, N., 647a

Takuma, T., 651a
Tambs, K., 653a, 659a
Tarbox, S., 655a
Thapar, A., 638a, 647a, 648a, 658a
Thede, L.L., 75
Thomis, M.A., 654a
Thompson, J., 655a
Thorgaard, G.H., 355
Timberlake, D., 645a, 648a, 643a, 661a
Tiwari, H., 639a
Toot, J., 515
Tordjman, S., 662a
Tozzi, F., 483
Treadwell, J.A., 425
True, W.R., 639a
Tsuang, M.T., 639a
Tunick, R., 660a
Turechek, L., 642a
Turie, D., 647a, 648a
Turkheimer, E., 635a, 649a, 650a, 652a, 665a
Turner, M., 515
Turri, M.G., 267
Tuvblad, C., 662a

Uitdehaag, K.A., 407
Umezawa, H., 465

van Arendonk, J.A.M., 407
van Baal, C.M., 662a
van Beijsterveldt, C.E.M., 229,571, 632a, 636a, 662a
Van Broeckoven, C., 654a
van den Berg, S., 663a
Van den Bree, M., 647a, 648a
van den Oord, E.J.C.G., 197
van der Poel, J.J., 325, 407
van Noordwijk, A.J., 611
van Oers, K., 611
Vandenbergh, D.J., 632a
Vanella, J.J., 93
Vanzin, L., 495, 650a
Verhulst, F.C., 229
Verrell, P.A., 355
Verrier, B., 631a
Vicari, S., 663a
Viken, R.J., 503, 636a, 663a
Villard, L., 640a
Villatoro, A.P., 664a
Vinay, L., 649a
Vink, V.M., 634a
Visscher, P.M., 477
Vlietinck, R., 654a
Vogler, G.P., 632a
Volterra, V., 634a

Wada, Y., 465
Wadsworth, S.J., 635a, 664a
Wainwright, M., 365, 649a
Waldman, L.D., 639a, 641a, 664a
Waldron, M., 665a
Walter, J., 639a
Wang, C., 639a
Wang, J., 643a
Wenger, G.R., 105
Westberg, L., 533, 635a, 644a
Wheeler, P.A., 355
Wickham, H.E., 633a
Wienke, A., 585
Wigger, A., 309
Wijsman, E.M., 51
Wilkniss, S., 665a
Willcutt, E.G., 640a, 644a, 658a, 660a, 665a
Willemsen, G., 633a, 663a
Williams, J., 648a
Williamson, R., 85
Wolf, H., 666a
Wood, J., 655a
Wooten, G.F., 650a
Wright, M.J., 41, 365, 643a, 649a, 656a, 666a
Wright, M.M., 641a

Xian, H., 659a
Xu, S., 3

Yamagata, S., 666a
Yang, H-J., 63
Yashin, A.I., 585
Yi, N., 3
Yilmazer-Hanke, D.M., 309
Yoshimura, K., 631a, 666a
Young, S.E., 634a, 640a
Yrigollen, C., 642a

Zdravkovic, B.A.S., 585
Zeegers, M., Vol. 34 (2) 127
Zeiger, J., 634a
Zhou, M-M., 657a
Zhu, G., 641a, 651a, 652a

Behavior Genetics, Vol. 34, No. 6, November 2004 (© 2004)

Subject Index for Volume 34

5HTTLPR, 295

Abuse, 217
Acoustic startle tests, 309
Activity, 267
Admixed populations, 525
Adolescents, 63, 85, 503
Adulthood, 533
Age, 197
Aggregation analysis, 51
Aggressiveness, 355, 515
Aging, 319, 533
Akaike Information Criterion (AIC), 593
Alcohol nontolerant rat lines, 453
Alcohol tolerant rat lines, 453
Alcoholism, 17
Alpha inversion, 335
Amygdala, 309
Androgenesis, 355
Anxiety, 93, 267, 295, 309, 621
Anxiogenic environments, 267
Arginine-vasopressin neurons, 34(1) 131
Aromatase, 243
Artificial selection, 34(1) 131, 611
Association, 173, 197, 207, 549
Ataxia, 441
Autonomic response, 267
Avian personality traits, 611

B6D2 mice, 425
Bayesian analysis, 3
Bayesian Information Criterion (BIC), 593
Behavior problems, 63, 229, 571
  testing, 295
Behavioral domestication, 355
Behavioral model, 93
Bitter stimuli, 465
Bivariate heritability, 75
Bivariate, 34(2) 135
Boldness, 611
Bone mineral density, 197
Bootstrap, 477
Breakfast, 503

cAMP cascade, 395
Candidate genes, 173
Cannabis, 217
Catechol O-methytransferase (COMT) gene, 533, 541
Categorical data, 17
Cerebellum, 319
Chicken, 325, 407
Child Behavior Checklist (CBCL), 63, 495
  CBCL syndrome scores, 571
Children, 229, 377, 495
Choice reaction time, 41
Chromosome 21, 559
Chromosome, 267
Circadian rhythm, 34(1) 131
C1onal lines, 355
Cognition, 559, 621
Cognitive ability, 51
Comorbidity, 217, 251
Competence, 63
Complex disease, 525
  genetic models, 51
  traits, 197
Computer animation, 417
COMT gene polymorphism, 533, 541
Conduct problems, 377
Confidence interval, 477
Copulas, 161
Coronary heart disease, 585
Corticotropin-releasing factor, 309
Covariates, 34(2) 127
Cuticular hydrocarbons, 385
CYP19 gene, 243
CYP2A6 gene, 541

DCR-1,559
Declarative memory, 533
Dependence, 217
Developmental isolation, 385
Dimensionality, 483
Disease-susceptibilty gene, 525
DNA pooling, 549
Dopamine receptor D2, 495, 541
  D4, 495
Down syndrome, 55
  mouse model, 105
DRD2, 495, 541

0001-8244/04/1100-0683/0 © 2004 Springer Science+Business Media, Inc.

DRD4, 495
Drosophilaananassae, 335
Drosophila melanogaster, 395
Drosophila paulistorum, 385

Eating disorders, 483
Elevated plus maze, 267, 309
Elevated square maze, 267
Emotional problems, 63
Emotionality, 267, 309
Epidemiologic methods, 525
Epistasis, 143
Ethanol preference, 425
Ethanol, 441
Executive function deficits, 75
Exploration, 611, 621
Expression, 243

Factor analysis, 267
Familial aggregation patterns, 51
  correlation, 51
Family study, 251, 503
Fear-conditioning, 559
Fearful behavior, 34(1) 121
Feather pecking, 407
Fenfluramine,295
Finnish Twin and Family study, 503
Fixed ratio, 105
Fluctuating asymmetry, 417
Fowl, 34(1) 121, 325
Frailty, 585

Gal-4/UAS gene expression, 395
Gasterosteus aculeatus, 417
Gene expression, 425
  polymorphism, 295
Genetic correlations, 407, 611
  dissection, 267
  epidemiology, 525
Genome scan, 161
Golden hamsters, 465
Growth, 34(1) 121

HAB, 309
Hamsters, 465
Haplotype, 207
Haseman-Elston test method, 153
Heritability, 365, 407, 483, 585
High-anxiety rat lines, 309
High-throughput genotyping, 549
Home cage, 267
Homosexuality, 243

Illicit drugs, 217
Inbred lines, 335, 343, 465, 621
Inbreeding, 417
Inclined plane, 453
Inspection time, 41
Intelligence, 365
Interval principal component tests, 525
Inversion polymorphism, 335
IQ subsets, 41

LAB, 309
Laying hens, 325, 407
Learning, 105
Light-dark box, 267
Likelihood-ratio-test, 477
Limbic system, 515
Linkage, 34(2) 135, 153, 173, 243
  analysis, 143
  disequilibrium, 173
Locomotion, 93
LOD scores, 267
Longitudinal study, 85
Low-anxiety rat lines, 309

Macaque, 295
Markov chain Monte Carlo (MCMC) algorithm, 3
Mate preference, 417
Mathematical ability, 51
Mating behavior, 385
Memory, 533
Microarrays, 549
Minimum Description Length (MDL), 593
Mirror chamber, 267
Mixture, 207
Model fitting, 251
  selection, 593
Monte Carlo method, 593
Morris water maze, 624
Mouse, 105, 131, 267, 343, 425, 441, 621
  model, 559
  staggerer mutant, 319
Mplus, 17
Multiple threshold model, 3
Multivariate genetic modeling, 41
Multivariate, 34(2) 135
Mus musculus musculus
Mx, 179, 197

Neale-Kendler model-fitting, 251
Neuropeptide Y, 309
Neuropsychology, 365
Nicotine, 343

Nonhuman primate, 295
Normal distribution, 161

Olfaction, 395
Olfactory reception, 395
Open-field, 267, 325, 407, 621
Operant conditioning, 105
Ordinal traits, 3

Parental ratings, 571
Parus major, 611
Perfectionism, 483
Personality, 611
  disorders, 75
Phencyclidine, 343
Phenotypic correlations, 407
Plus-maze, 93, 267, 309
Polygenic traits, 51
Polymorphism, 85
Population samples, 85
  stratification, 179, 197
Positional candidate genes, 173
Power, 153
Preferential mating, 335
Prepulse inhibition, 343
Primer extension preamplification, 541
Principal component analysis, 525
Problem behavior, 229, 495
Processing speed, 41
Production traits, 34(1) 121
Prolactin secretion, 295
Psychogeneic selection, 309
Quantitative TDT, 495
  trait loci, 161, 179, 267, 325, 477, 549
  trait locus analysis, 93
  trait locus linkage analysis, 34(2) 127, 34(2) 135, 143
  trait locus mapping 3, 34(2) 125, 477
  traits, 173, 179

Rainbow trout, 355
Rare male mating advantage, 335
Rat lines, 93, 309
Rat model, 515
Rater bias, 571
Rats, 309
Reading, 365
Rearing, 267
Recombinant inbred rat strains, 93
Regression, 207
Repeated acquisition, behavioral chains, 105
Retinaldehyde binding protein 1, 425
Reversible jump, 3
Rhythm stability, 34(1) 131
Risk factors, 585
Risk-taking behavior, 611
Risk-taking, 267
Rotarod, 441

Salmonid behavior, 355
Schizophrenia, 343
Selected lines, 441
Sensorimotor gating, 343
Sensory transduction, 395
Serotonin, 295, 515
  reuptake transporter, 295
Sex differences, 503
Sexual orientation, 243
  selection, 417
SHR rat model, 515
Sibling pairs, 143
Sib-pair design, 34(2) 127
Simulation, 251
study, 34(2) 135
Single nucleotide polymorphisms (SNPs), 541, 549
Smoking, 85
SNPs, 541, 549
Social cognition, 377
  experience, 385
  stress, 515
Spatial memory, 319
Spontaneous alternation, 319
Spontaneously hypertensive rat model (SHR), 515
Square maze, elevated, 267
Staggerer mutant mouse, 319
Startle, 309
Sticklebacks, 417
Structural equation modeling, 17, 179, 197
Suprachiasmatic nuclei, 34(1) 131
Sweet stimuli, 465
Symmetry, 417
Syntaxin 12, 425

Taqman, 541
Taste, 465
Testosterone, 515
Three-spined sticklebacks, 417
Tobacco dependence, 85
Tolerance, 441
Transmission disequilibrium test (TDT), 495
Ts65Dn mouse model, 105
Twin, 17, 63, 75, 217, 229, 365, 377, 503, 585
  models, 483
  study, 251

Type-I error, 153
Tyrosine hydroxylase, 85

Use, 217

Variance components, 34(2) 135, 153, 161, 173
  analysis 34(2) 127
  methods, 34(2) 125
  modeling, 179
Vitamin D receptor gene, 197

Water-maze, 559
Wheel-running, 34(1) 131
Whole genome amplification, 541
Wing size, 385
Winsorization, 153
Wistar rats, 309
Wistar-Kyoto rat, 515
WKY rat, 515

YAC, 559
Y-chromosome, 515